

5 **DESCRIPTIVE ABSTRACT**

**SUPPORT COATED WITH A CHITOSAN-BASED LAYER AND
MANUFACTURING PROCESS**

- 10 Support based on organic and/or inorganic fibres covered at least on one of the faces thereof with a chitosan-based layer, *characterised* in that the layer is obtained by depositing a chitosan-based aqueous solution, the average molar mass of which has a mass less than 130 000 g/mol, the concentration of which is between 6 and 30 % by weight and the viscosity of which is between 100 and 3000 cps.

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Figure 2

5 **Figure 1**

Amont = upstream

Figure 2

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Perméation à la vapeur d'eau des différents supports = Water vapour permeance of different supports

Pmes (torrs) = Pmes (torrs)

15 Temps (min) = Time (min)

Film de chitosan = Chitosan film

Papier-chitosan-cire = Paper-chitosan-wax

Papier seul = Paper by itself

Papier enduit de chitosan = Paper coated with chitosan

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Figure 3

Film de chitosan = Chitosan film

25 **Figure 4**

Dépose de... = Coating in an amount of ...